

What is Claimed is:

1. A method of attaching at least two components comprising:
employing a first component having a projection;
employing a second component having a non-circular opening;
passing the projection of said first component through the non-circular opening of said second component; and
deforming the projection of said first component passing through the non-circular opening of said second component, in order to attach said first and second components together.
2. The method of Claim 1 further comprising:
employing electrical conductors as said first and second components.
3. The method of Claim 1 further comprising:
employing three components as said at least two components.
4. The method of Claim 3 further comprising:
employing as said projection a first cylindrical projection;
employing said first component further having a second cylindrical projection;
employing a third component having a non-circular opening;
passing the first cylindrical projection of said first component through the non-circular opening of said second component;
passing the second cylindrical projection of said first component through the non-circular opening of said third component; and
deforming the second cylindrical projection of said first component passing through the non-circular opening of said third component, in order to attach said first and third components together.
5. The method of Claim 4 further comprising:
aligning said third component with respect to said second component before said deforming the second cylindrical projection of said first component, in order to maintain said alignment after said deforming the second cylindrical projection of said first component.

6. The method of Claim 1 further comprising:
employing as said at least two components a center conductor
and a load end conductor.
7. The method of Claim 6 further comprising:
employing as said center conductor a tellurium bearing copper
bar with a hard temper.
8. The method of Claim 1 further comprising:
employing as said first component a center conductor having a
first cylindrical projection and an opposite second cylindrical projection;
employing as said second component a load end conductor;
employing as a third component a line end conductor having a
non-circular opening;
passing the first cylindrical projection of said center conductor
through the non-circular opening of said load end conductor;
deforming the first cylindrical projection of said center
conductor passing through the non-circular opening of said load end conductor, in
order to attach said center conductor and said load end conductor together;
passing the second cylindrical projection of said center
conductor through the non-circular opening of said line end conductor; and
deforming the second cylindrical projection of said center
conductor passing through the non-circular opening of said line end conductor, in
order to attach said center conductor and said line end conductor together.
9. The method of Claim 8 further comprising:
employing a current transformer having an opening; and
passing said center conductor through the opening of said
current transformer before passing the second cylindrical projection of said center
conductor through the non-circular opening of said line end conductor.
10. The method of Claim 8 further comprising:
aligning said line end conductor with respect to said load end
conductor before said deforming the second cylindrical projection of said center
conductor, in order to maintain said alignment after said deforming the second
cylindrical projection of said center conductor.

11. The method of Claim 8 further comprising:
employing a first fixture to hold said center conductor before said deforming the first cylindrical projection of said center conductor passing through the non-circular opening of said load end conductor; and
employing a second fixture to hold said center conductor and said load end conductor before said deforming the second cylindrical projection of said center conductor passing through the non-circular opening of said line end conductor.
12. The method of Claim 11 further comprising:
employing the second fixture to align said line end conductor with respect to said load end conductor before deforming said second cylindrical projection.
13. The method of Claim 1 further comprising:
employing as said non-circular opening a triangular opening.
14. The method of Claim 1 further comprising:
employing as said non-circular opening an opening having at least four sides.
15. The method of Claim 1 further comprising:
employing as said non-circular opening an opening having five sides.
16. The method of Claim 1 further comprising:
employing as said non-circular opening a square opening.
17. The method of Claim 1 further comprising:
employing as said non-circular opening an elliptical opening.
18. The method of Claim 1 further comprising:
employing as said non-circular opening an opening having three sides.
19. The method of Claim 1 further comprising:
employing as said deforming one of a spinning operation and a peening operation.

20. The method of Claim 19 further comprising:
employing a cylindrical projection as said projection of said
first component; and
forming a flat surface on said cylindrical projection of said first
component during said deforming.